CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/KRIDL/W.No.13/GSB-II/AL/2017-18 Date 03.05.2017

TEST REPORT ON ATTERBERG LIMITS FOR GRANULAR SUB BASE

*Customer	:	**Asst. Executive Engineer,** Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
*Agency	:	**Technical Manager,** KRIDL, Bangalore.
*Name of work	:	Improvements of CC Roads in 1st, 8th,11th and 2nd Main dead end roads Maheshwari Nagara in Ward No.13, in Shettyhalli Sub Division, BBMP, Bangalore.
*Reference	:	BBMP/EE/DD/WO/41/2017-18 Dated: 20.04.2017
Sample ID	:	GSB- (Coarse graded-II)
Technical Reference	:	IS : 2720 (Part - 5) 1985 (RA-2010), MORTH Table : 400-01
Date of Testing	:	03.05.2017

Sl. No.	Particulars	Test Results	Standards as per Specifications
1	Liquid Limit, %	22.00	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

*Information is furnished by the Customer/Representative.

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AE-13

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Civil-tech Consultants & Engineers
#23/14, 7th Cross, 3rd Stage, 4th Block,
Shakthi Ganapathinagar,
Basaveshwaranagar, Bangalore-560 079.

CIVIL-TECH CONSULTANTS AND ENGINEERS

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T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-04/328h/Cube/2017-18 13.05.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements of CC Roads in 1st, 8th,11th and 2nd Main dead end roads Maheshwari Nagara in Ward No.13, in Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	:	BBMP/EE/DD/WO/41/2017-18 Dated: 20.04.2017
* Sample ID	:	Dry Lean Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	Dry Lean Concrete
Compressive Strength as on	:	7^{th} day
Sample Received on	:	13.05.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2017	13.05.2017	8.128	243.5	10.82
2	06.05.2017	13.05.2017	8.268	256.3	11.39
3	06.05.2017	13.05.2017	8.327	260.1	11.56

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VIDYARANI P.K.
Technical Manager

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* Grade of Concrete	:	Dry Lean Concrete
Compressive Strength as on	:	7^{th} day
Sample Received on	:	13.05.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2017	13.05.2017	8.123	252.5	11.22
2	06.05.2017	13.05.2017	8.208	256.3	11.39
3	06.05.2017	13.05.2017	8.324	275.5	12.24

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* Grade of Concrete	:	Dry Lean Concrete
Compressive Strength as on	:	7^{th} day
Sample Received on	:	15.05.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.05.2017	15.05.2017	8.192	242.3	10.77
2	08.05.2017	15.05.2017	8.238	245.5	10.91
3	08.05.2017	15.05.2017	8.335	262.5	11.67

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ಬೃ.ಬೆ.ಮ.ಪ. ಮತ್ತು ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಇ.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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Sample Received on	:	15.05.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.05.2017	15.05.2017	8.110	235.7	10.48
2	08.05.2017	15.05.2017	8.209	243.2	10.81
3	08.05.2017	15.05.2017	8.350	256.6	11.40

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